

with oil-openings and thumb-screws over the upper end of their axles, substantially as and for the purpose described.

8. In a grain-drill the combination with the
5 fertilizer-hopper and feed-openings therefor, an endless sprocket-chain journaled horizontally in said hopper and carrying side-projecting fingers, of vertical agitators rotated by said fingers on the sprocket-chain, substantially as and for the purpose described.
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9. In a fertilizer attachment for a grain-

drill, agitators revoluble in a vertical plane within the hopper, operated by the side-extending fingers on the sprocket-chain journaled horizontally in the hopper, to agitate 15 the fertilizer to be fed to the feed-openings by said fingers, substantially as and for the purpose described.

HENRY C. HAM.

Witnesses:

HERBERT DARR,
J. H. DAVIS.